

# SATA PCI Host Adapter

## SATA 150 RAID

**Easily access external and internal SATA storage devices.**

Supporting both low-profile and regular-size PCI designs, the MANHATTAN® SATA PCI Host Adapter can upgrade your desktop computer to have four serial ATA RAID channels. The board provides a 32-bit, 33/66 MHz PCI interface on the host side and fully compliant serial ATA ports on the device side to access serial ATA storage media such as hard disk drives, zip drives, CD-ROMs, CD-RWs and DVD-ROMs.

### A Wide Range of Options

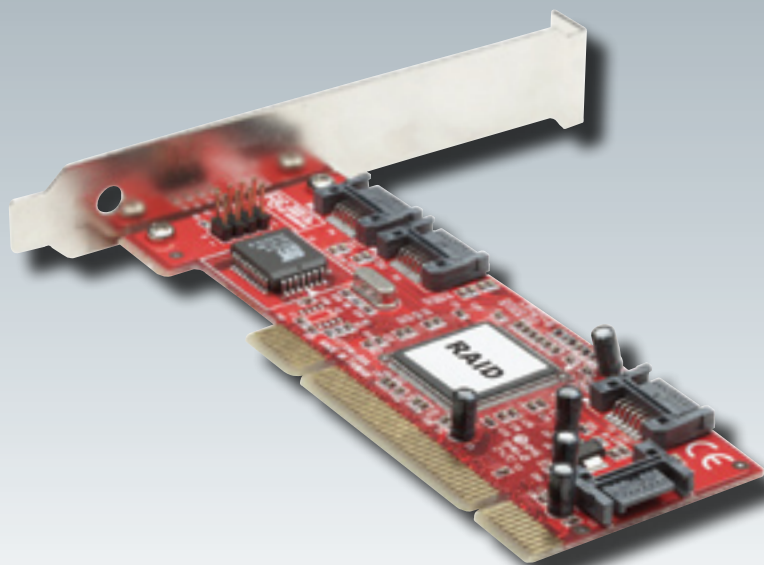
The SATA RAID PCI Host Adapter comes with regular and low-profile PCI brackets. This allows it to fit into a wide variety of cases. MANHATTAN also offers a wide variety of setup options. If the BIOS is not configured for RAID, the SATA RAID PCI Host Adapter will operate as a standard SATA host controller. If RAID is enabled, it offers a wide range of options, including RAID 0 (Striping), RAID 1 (Mirroring), RAID 0+1 (mirrored-striping) and RAID 1+S (Mirrored-Sparing) to improve the data performance and provide data redundancy and rebuilding.

### Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all MANHATTAN products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

**Model**  
172592





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## Features

- RAID Level 0 (striping) increases sustained data transfer rates
- RAID Level 1 (mirroring) places an identical data copy on another drive
- RAID Level 0+1 (mirrored-striping) offers the best performance and fault-tolerant data redundancy
- RAID 1+S (mirrored-sparing) can automatically replace the failed drive and rebuild the system when booting HDD fails
- Independent 256-byte FIFOs per SATA channel for host reads and writes
- Integrated PCI DMA engines
- 4-pin header on board for LED connection
- Acts as non-RAID when not BIOS configured
- Lifetime Warranty

## Specifications

### STANDARDS AND CERTIFICATIONS

- FCC
- CE
- SATA 1.0a
- PCI 2.2

### PORTS

- 4 SATA (internal)
- Connection: L-type
- Transfer rate: 1.5 Gbps

### GENERAL

- Supports Spread Spectrum in receiver
- Supports ATAPI commands
- 48-bit LBA for support of HDD larger than 137 GB
- 4-pin header for LED connection
- Independent 256-byte FIFOs per channel
- Integrated PCI DMA engines
- 32-bit, 33/66MHz PCI support
- Chipset: SiI3114

### SYSTEM REQUIREMENTS

- Compatible with Windows XP/Vista/7
- Available PCI Card slot
- CD-ROM drive

### PACKAGE CONTENTS

- SATA RAID PCI Controller Card
- Regular and low-profile brackets
- User manual and driver CD

For more information on MANHATTAN products, consult your local dealer or visit **[www.manhattan-products.com](http://www.manhattan-products.com)**.



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